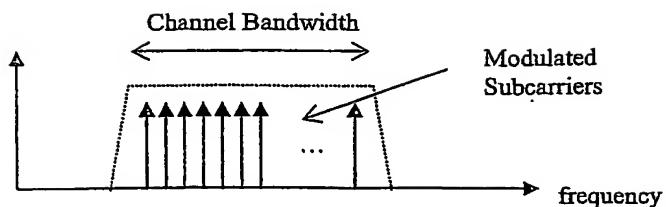
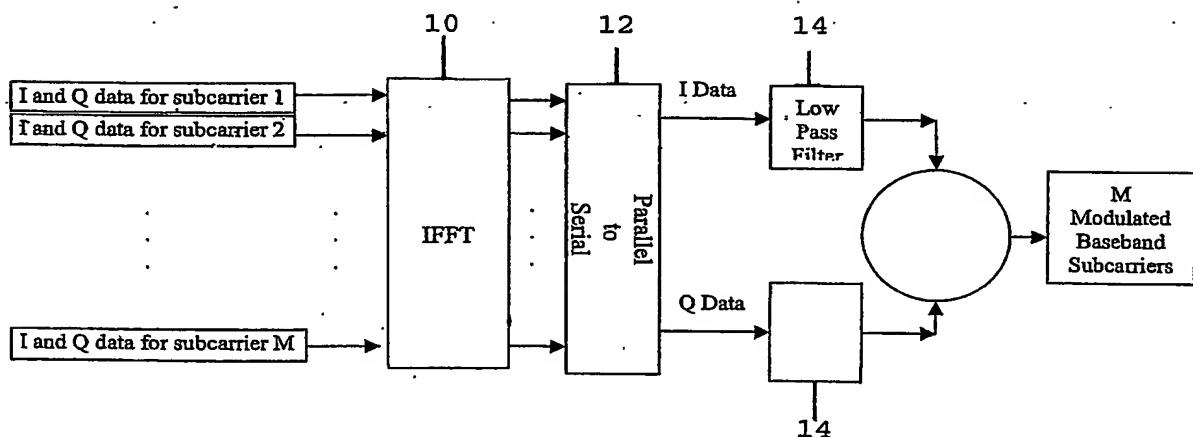
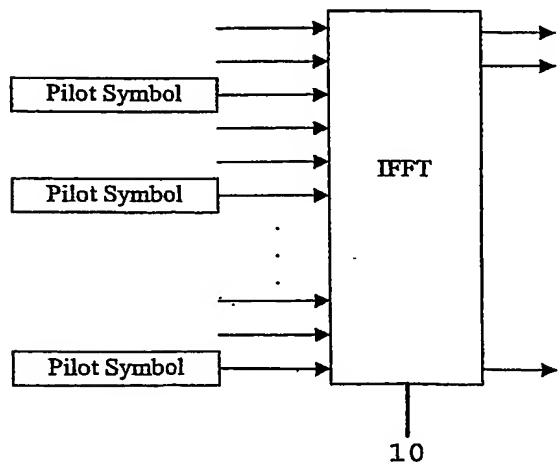
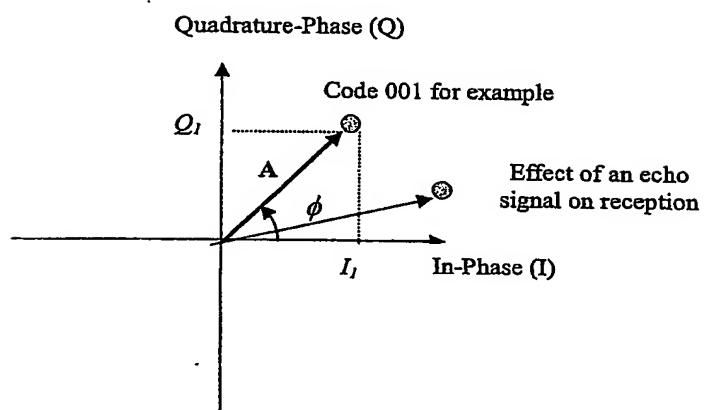


1/24

**Figure 1****Figure 2****Figure 3**

2/24

Normal Block $S_1$	Reciprocal Block $S_2$
-----------------------	---------------------------

**Figure 4****Figure 5**

3/24

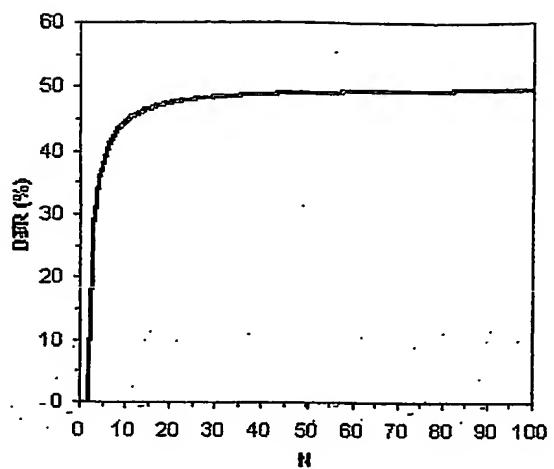
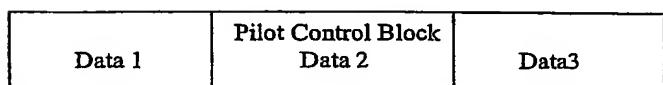
Data 1	Data 2	...	Data k	...	Data (N-1)	Data N
--------	--------	-----	--------	-----	------------	--------

**Figure 6**

$$\begin{array}{ccc}
 \text{Data} & \text{Data} & \text{Pilot Control} \\
 \text{Block} & \text{Block} & \text{Data} \\
 1 & 2 & k \\
 \left[ \begin{array}{l} A_{110} \exp(j(\phi_{110} + \phi_{k10})) \\ A_{120} \exp(j(\phi_{120} + \phi_{k20})) \\ \vdots \\ A_{1M0} \exp(j(\phi_{1M0} + \phi_{kM0})) \end{array} \right] & \left[ \begin{array}{l} A_{210} \exp(j(\phi_{210} + \phi_{k10})) \\ A_{220} \exp(j(\phi_{220} + \phi_{k20})) \\ \vdots \\ A_{2M0} \exp(j(\phi_{2M0} + \phi_{kM0})) \end{array} \right] & \left[ \begin{array}{l} A_{k10} \exp(j\phi_{k10}) \\ A_{k20} \exp(j\phi_{k20}) \\ \vdots \\ A_{kM0} \exp(j\phi_{kM0}) \end{array} \right] \\
 \dots & \dots & \dots \\
 & & \\
 & \left[ \begin{array}{l} A_{N10} \exp(j(\phi_{N10} + \phi_{k10})) \\ A_{N20} \exp(j(\phi_{N20} + \phi_{k20})) \\ \vdots \\ A_{NM0} \exp(j(\phi_{NM0} + \phi_{kM0})) \end{array} \right] & \\
 & & \text{Data} \\
 & & \text{Block} \\
 & & N
 \end{array}$$

**Figure 7**

4/24

**Figure 8****Figure 9**

5/24

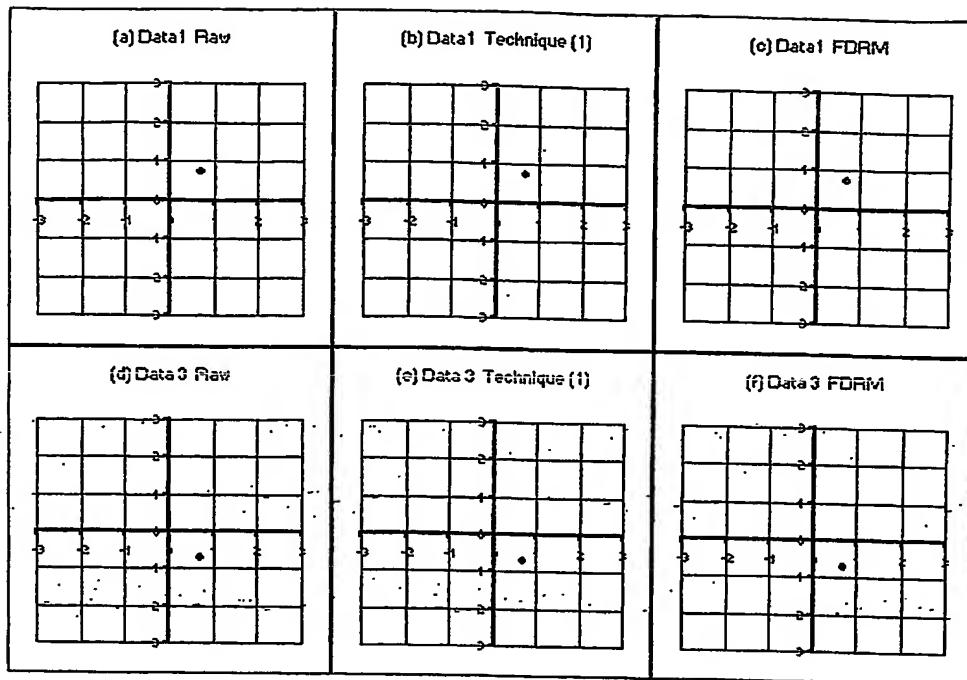


Figure 10

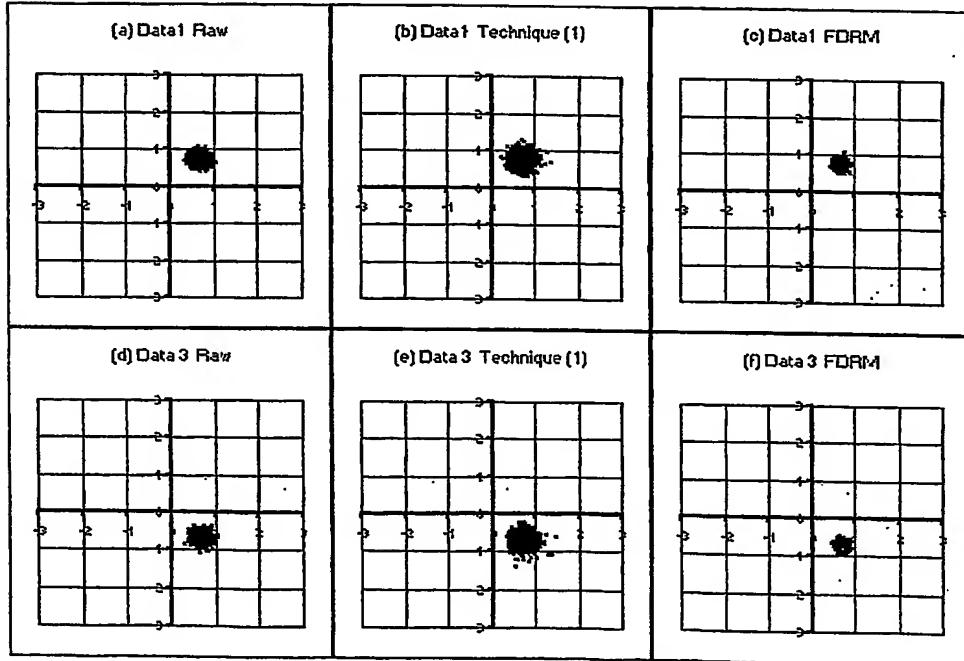


Figure 11

6/24

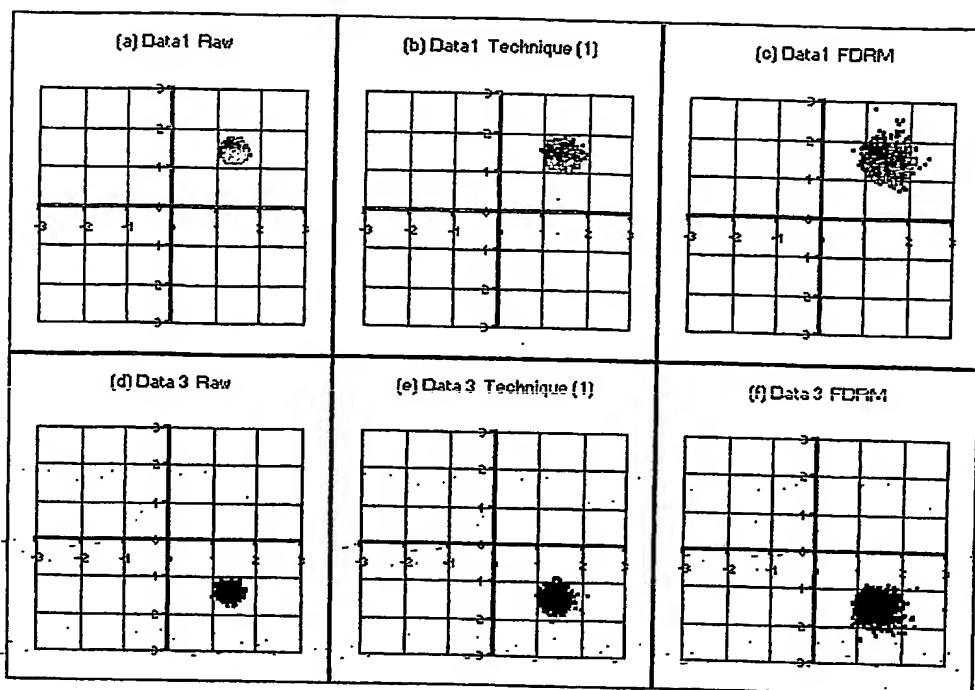


Figure 12

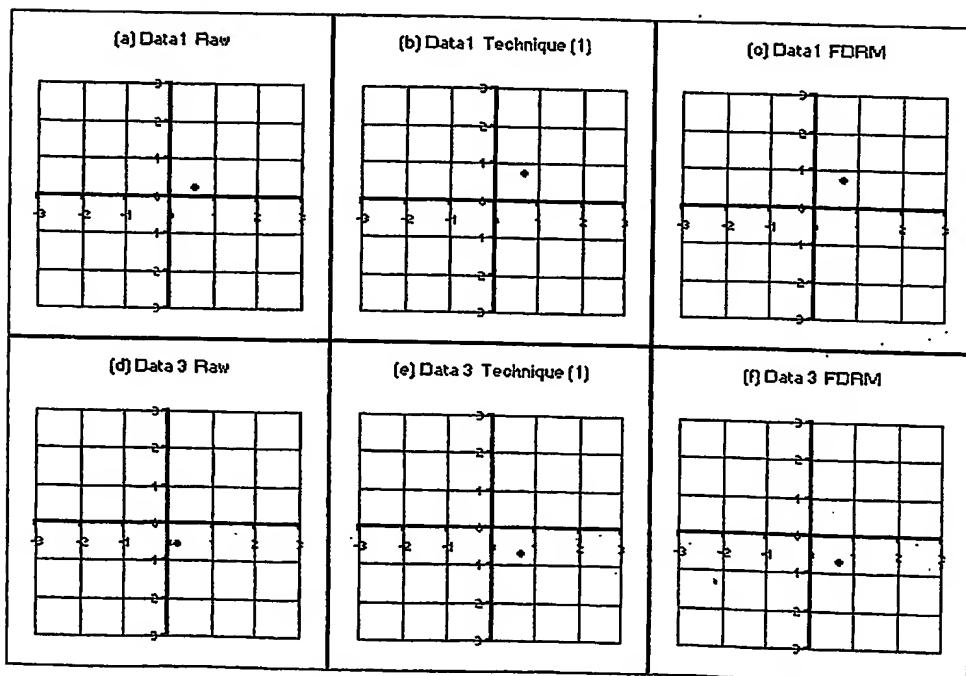
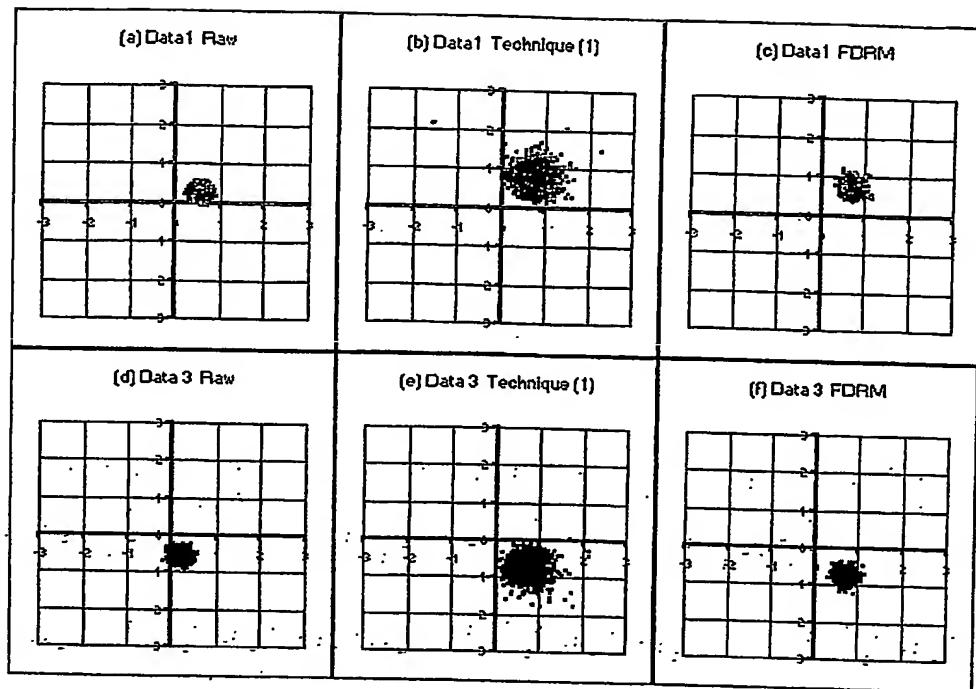
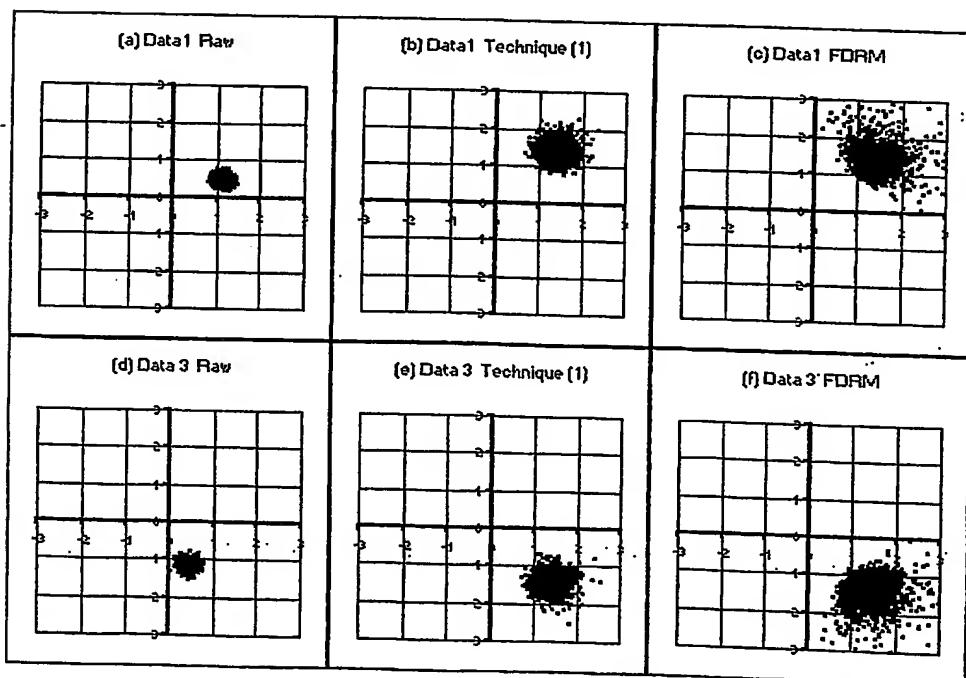
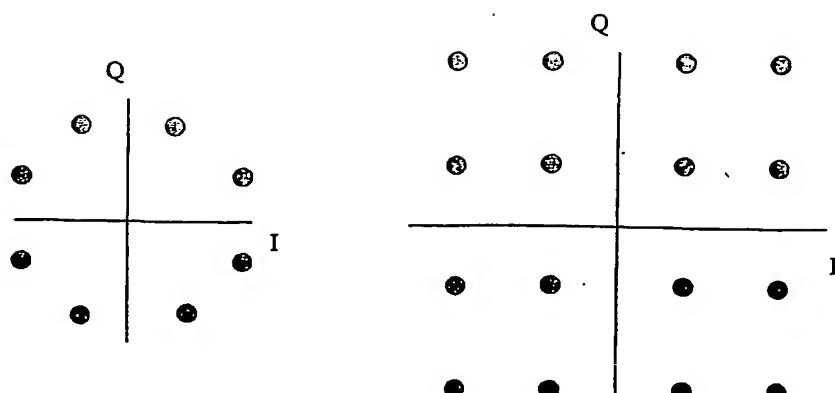


Figure 13

7/24

**Figure 14****Figure 15**

8/24

**Figure 16**

Data 1	Data 2	...	Data k	...	Data (N-1)	Data N
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**Figure 17**

Data 1	Pilot Control Block Data 2	Data3
--------	-------------------------------	-------

**Figure 18**

9/24

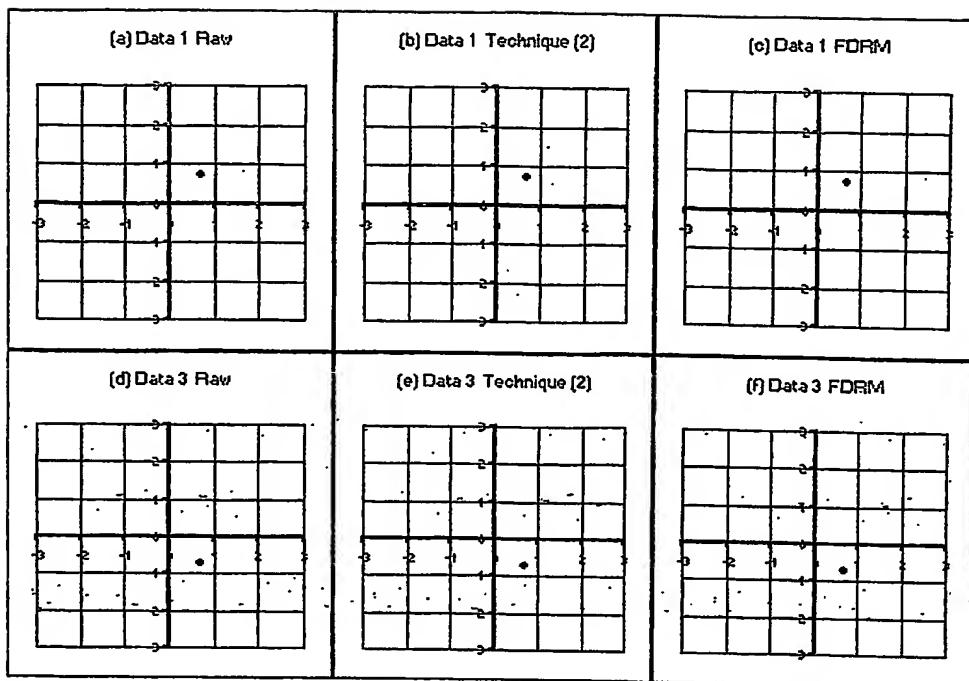


Figure 19

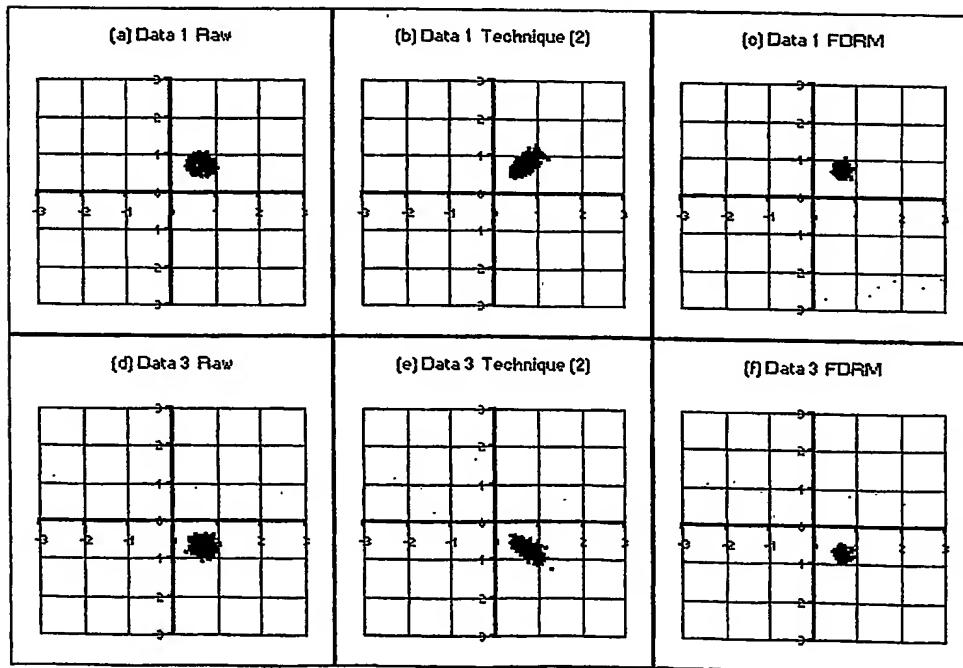
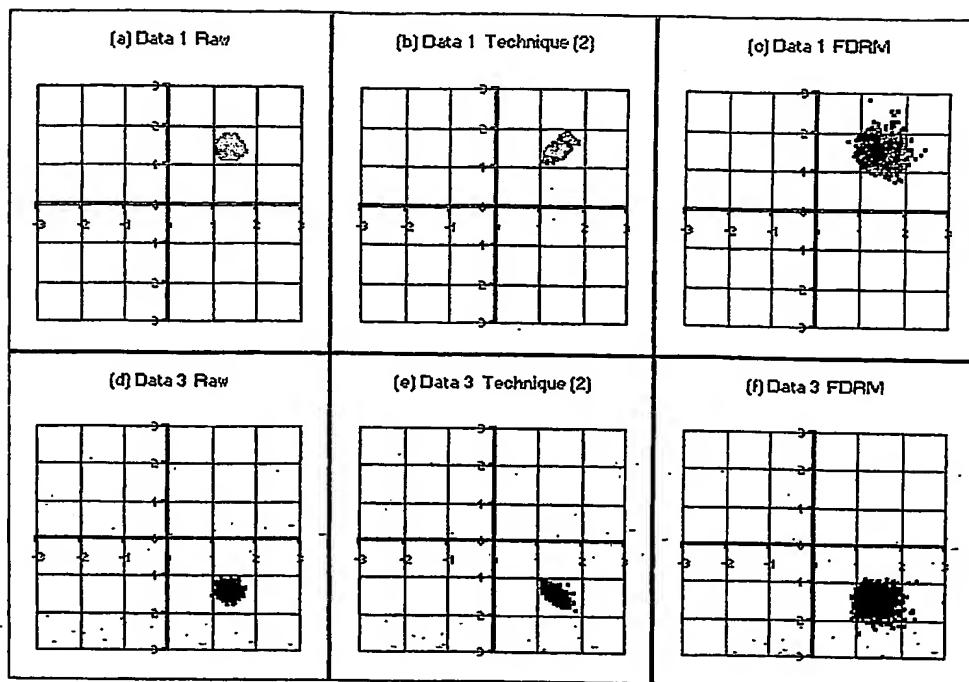
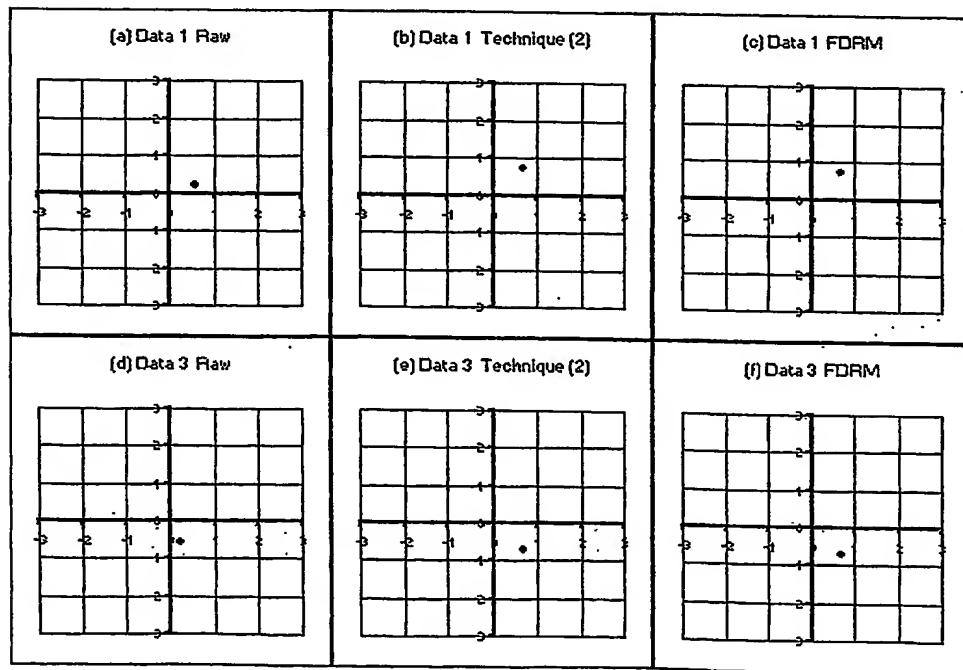


Figure 20

**Figure 21****Figure 22**

11/24

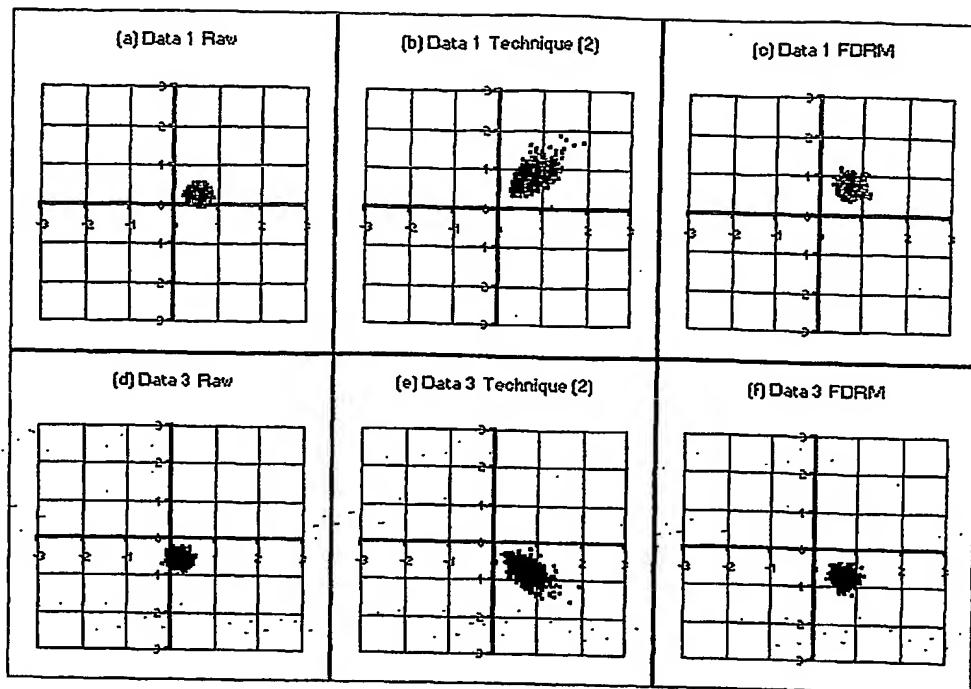


Figure 23

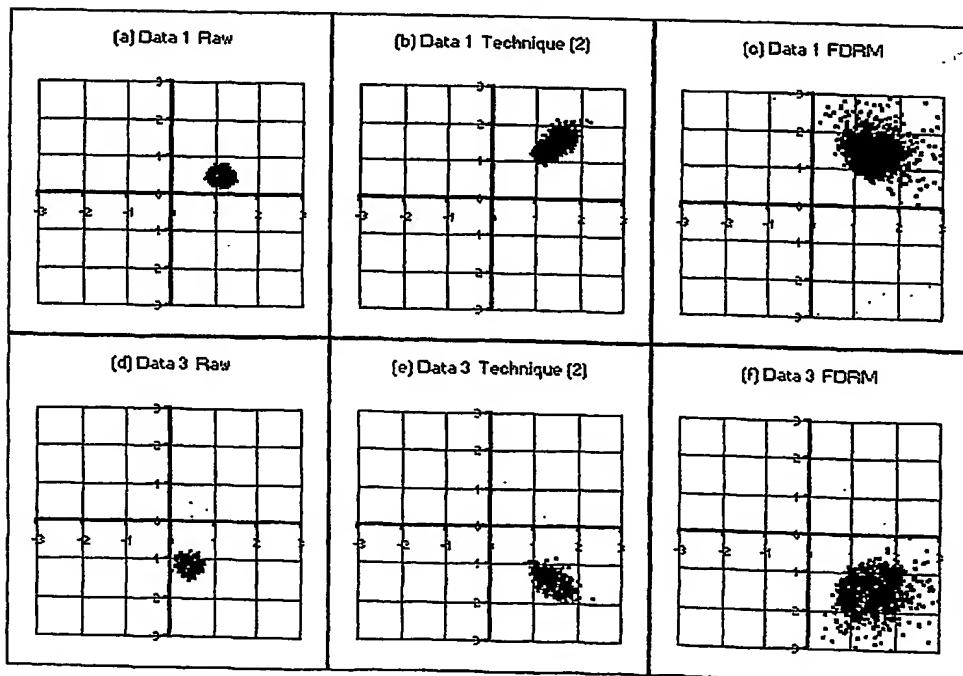
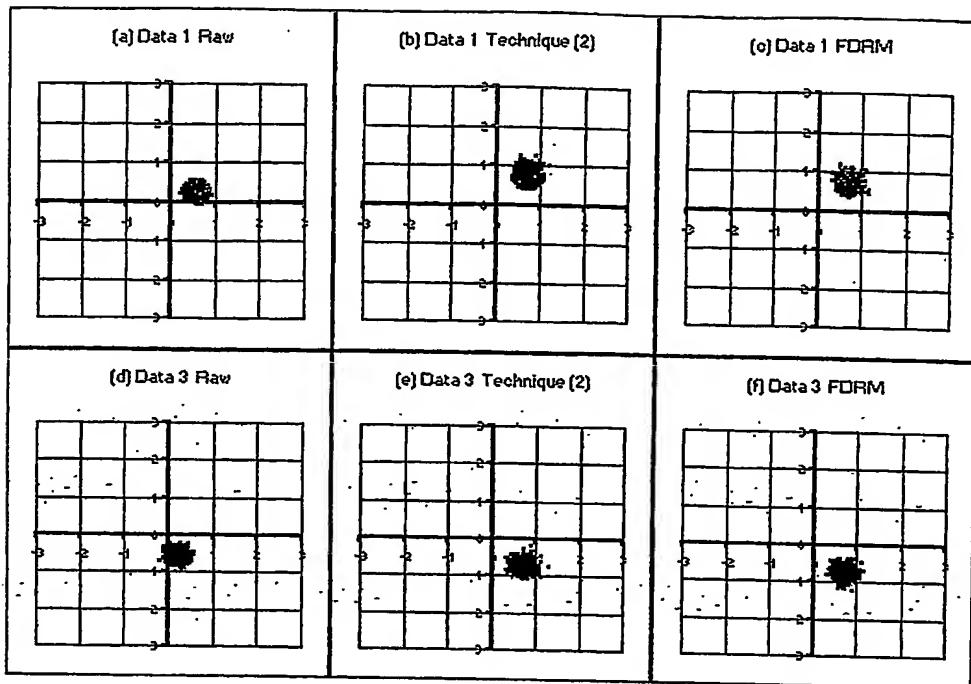
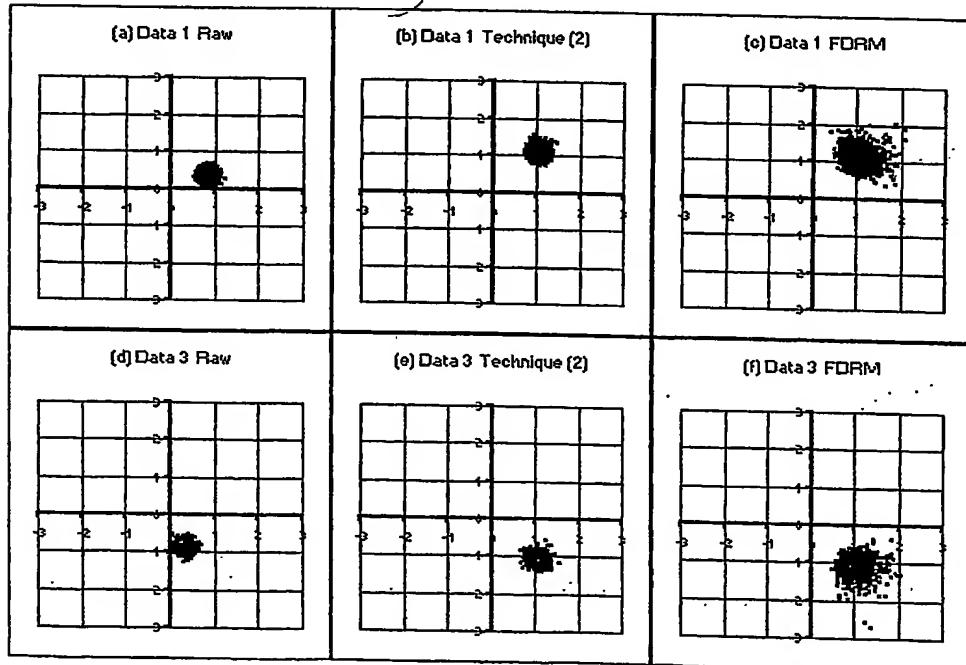


Figure 24

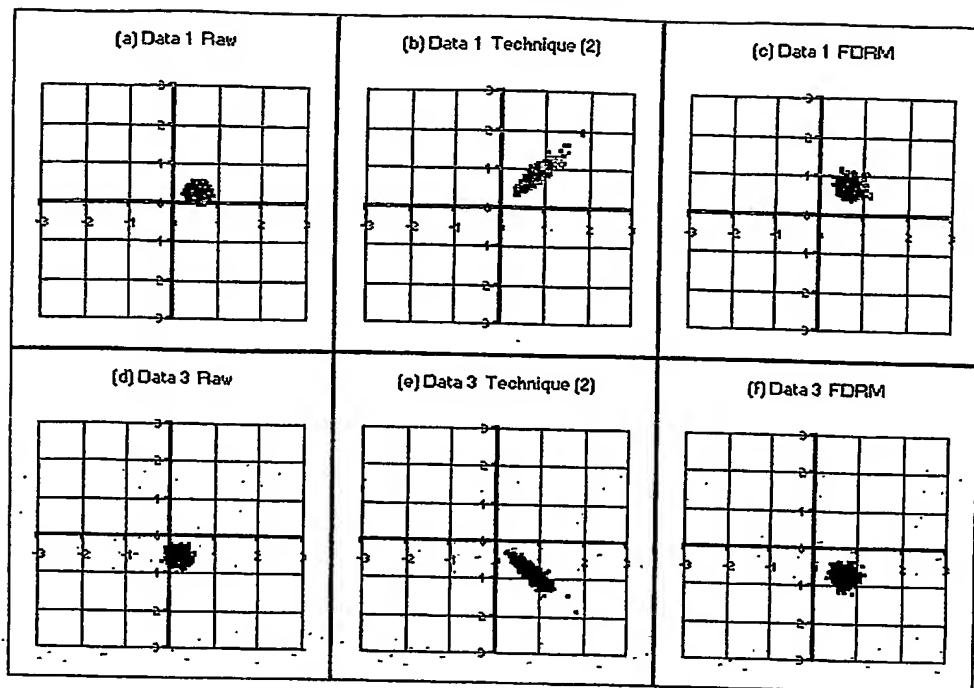
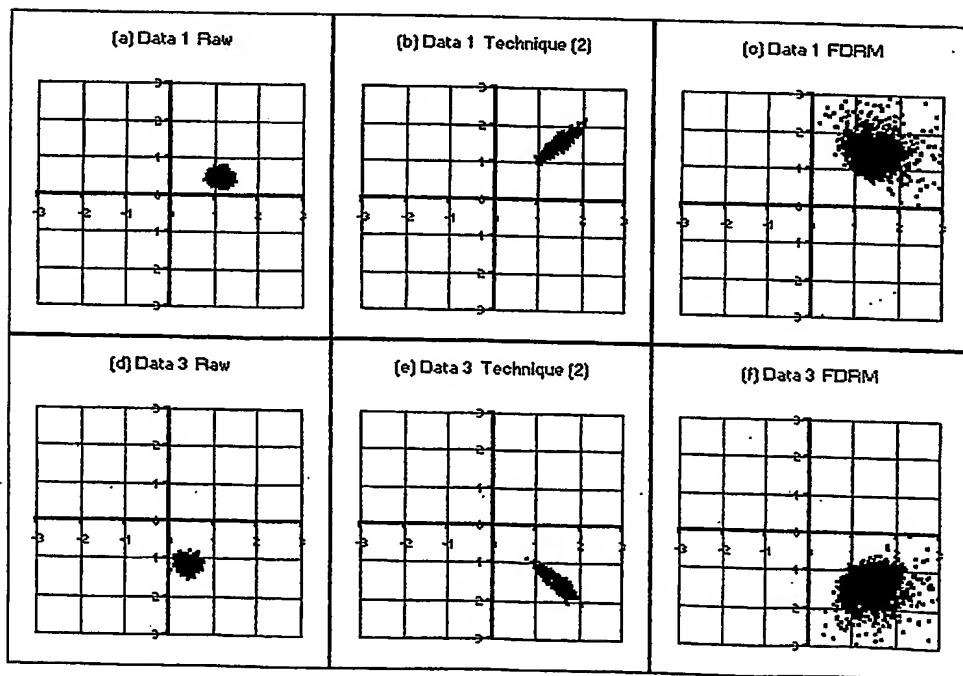


**Figure 25**



**Figure 26**

13/24

**Figure 27****Figure 28**

14/24

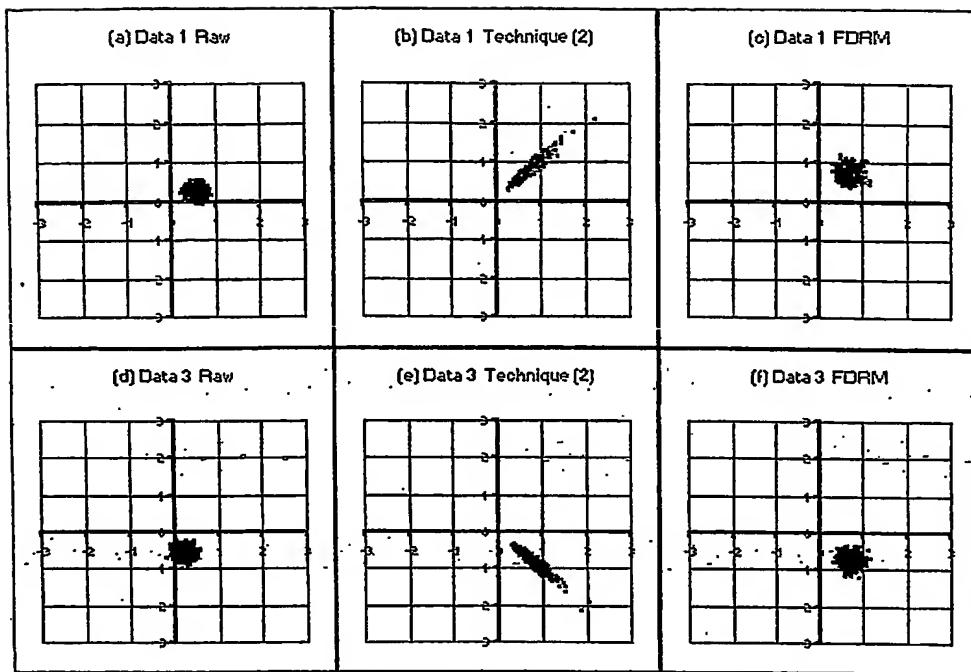


Figure 29

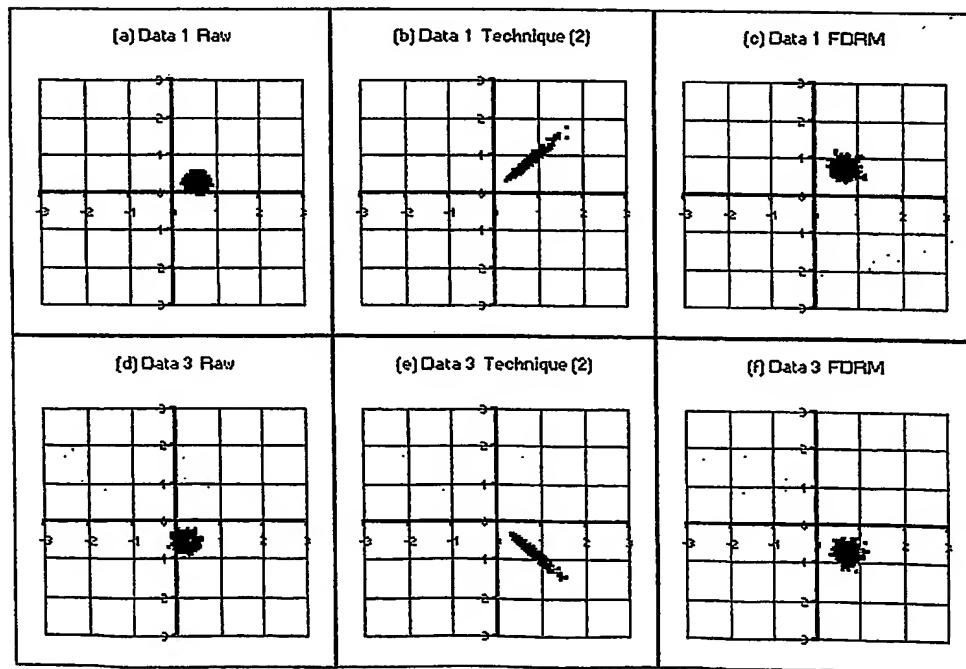


Figure 30

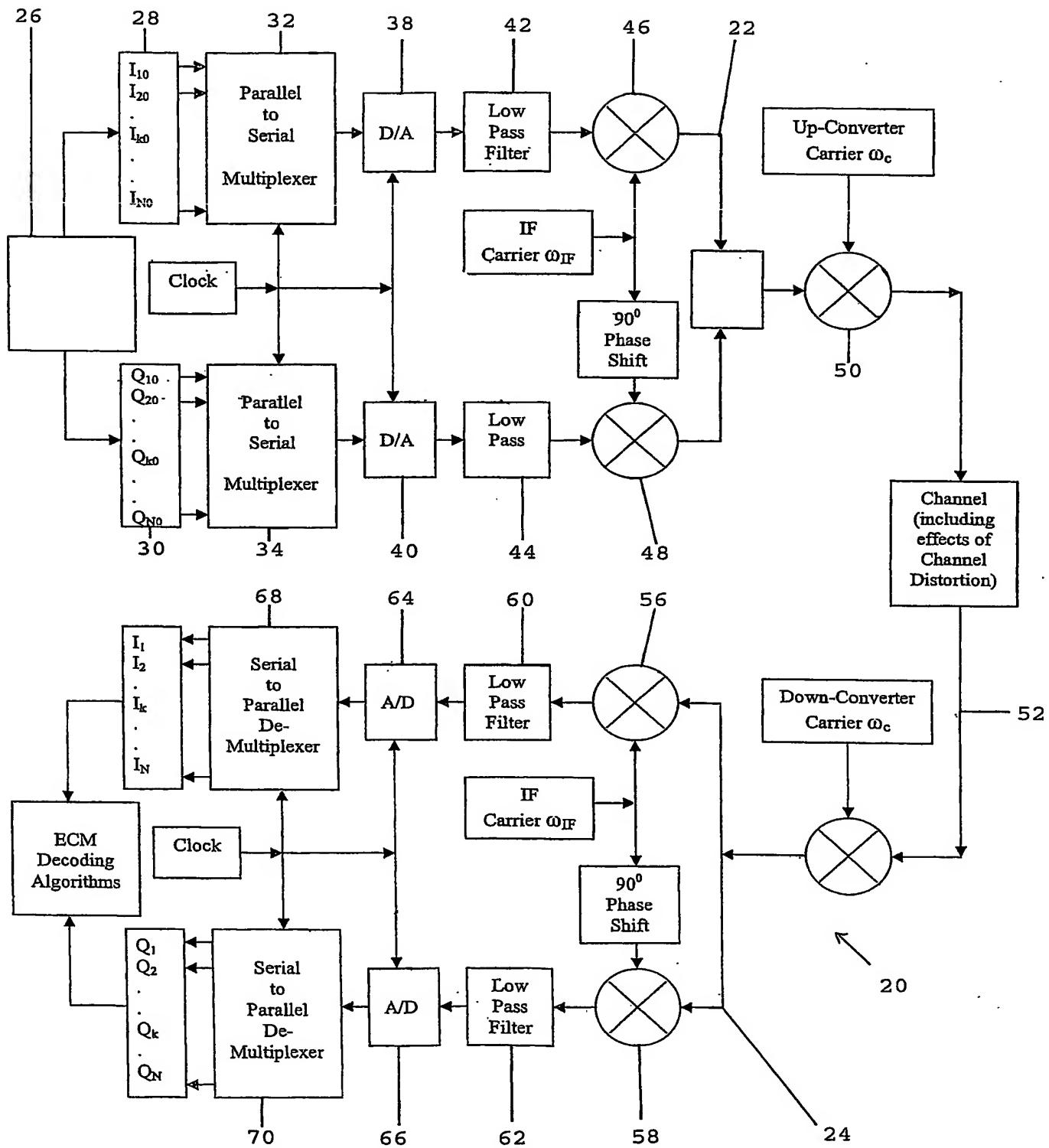


Figure 31

16/24

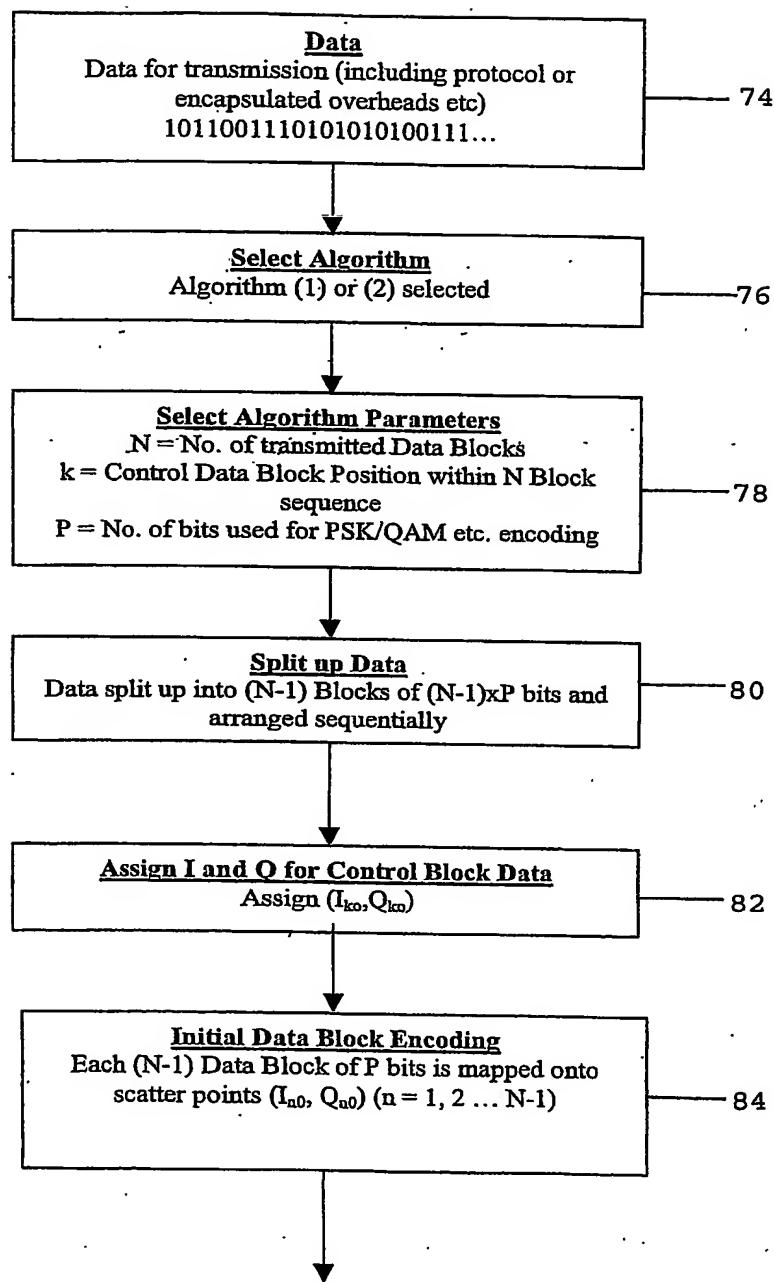


Figure 32

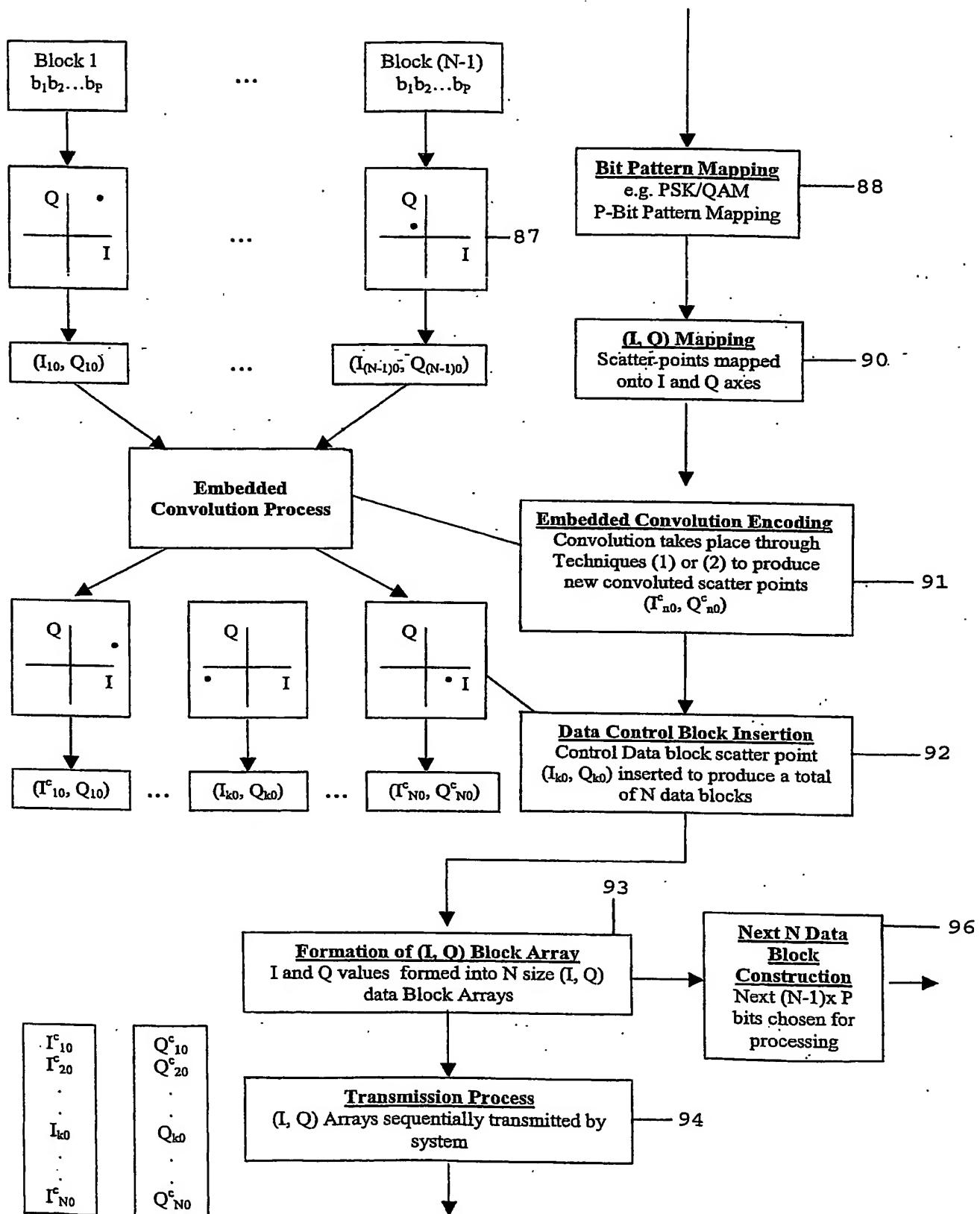


Figure 32 (Contd)

18/24

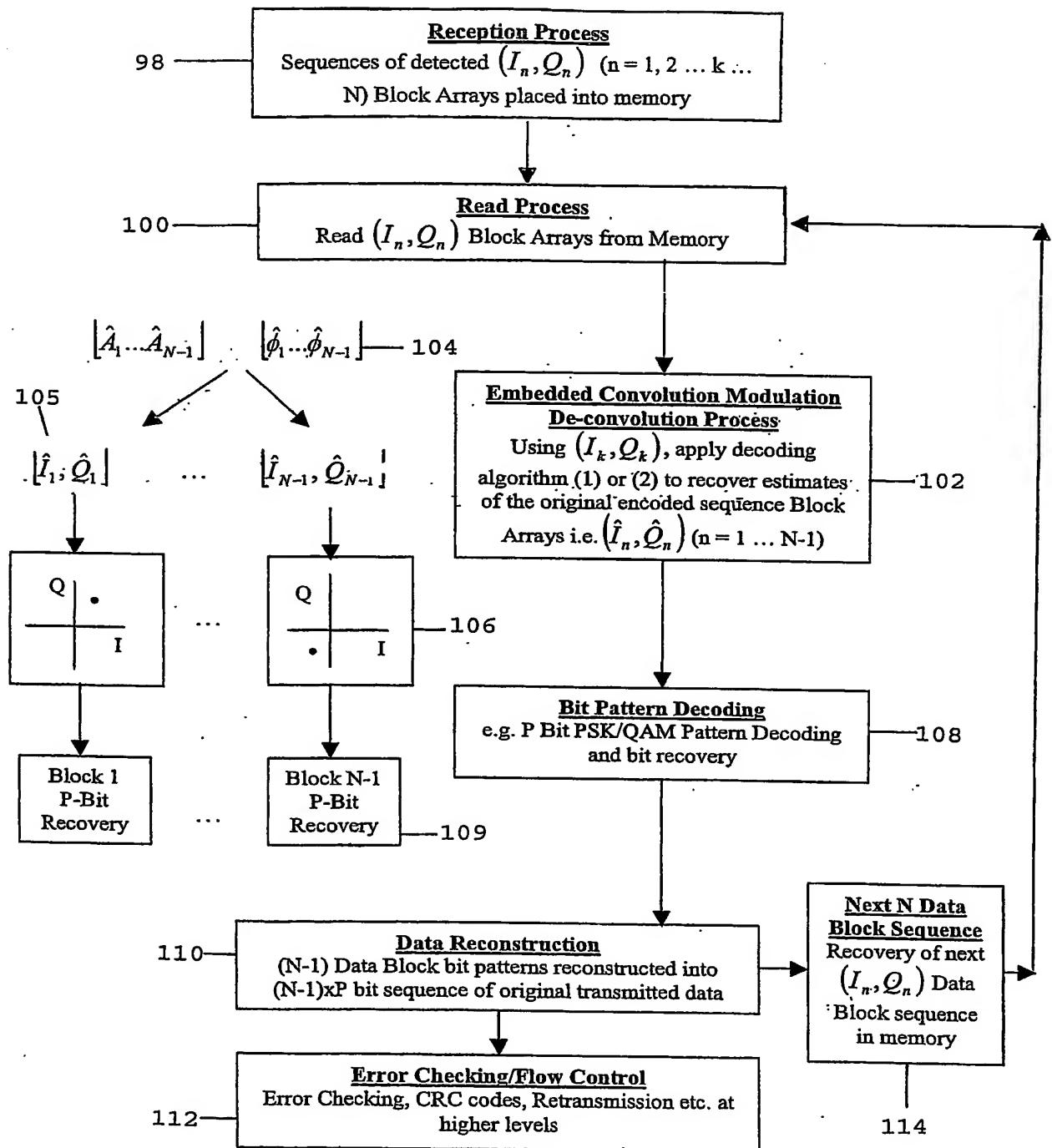


Figure 33

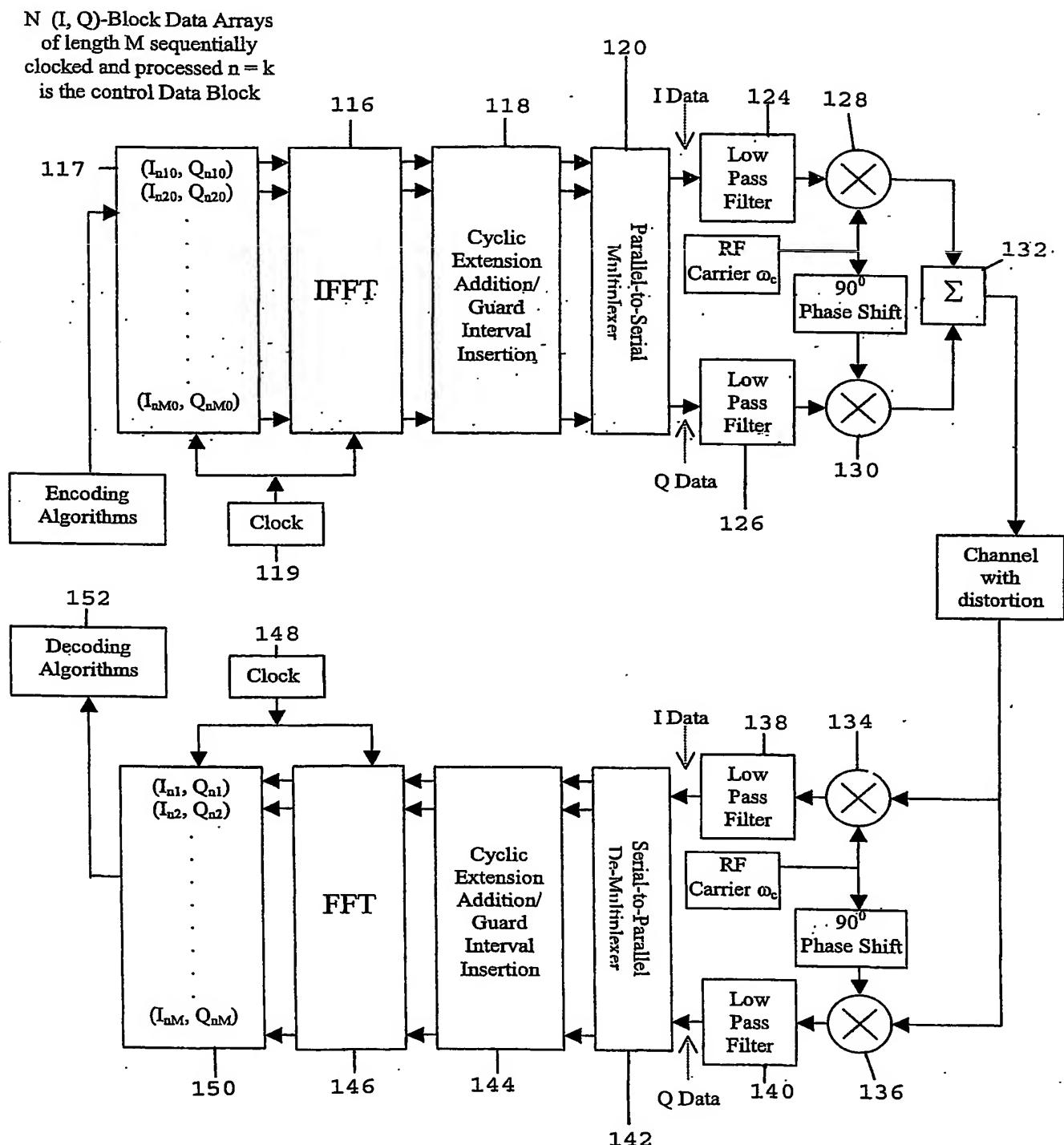


Figure 34

20/24

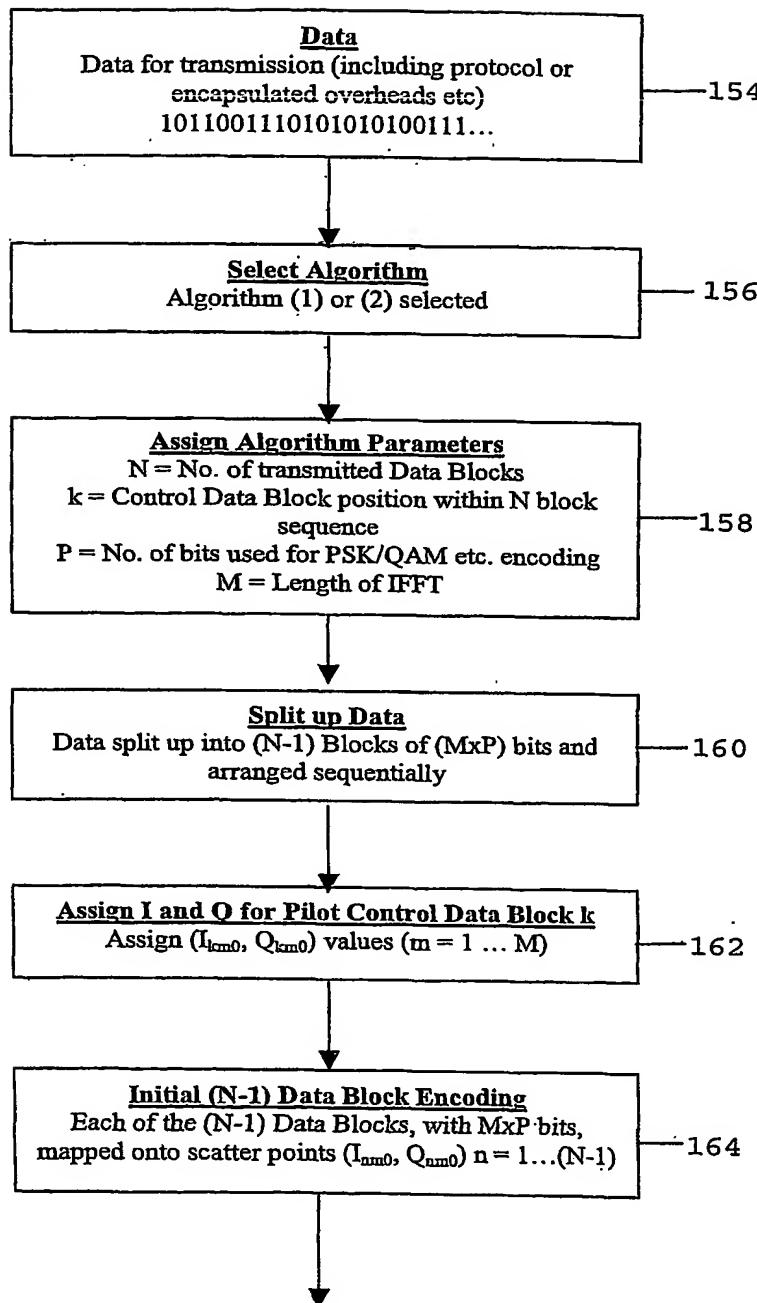


Figure 35

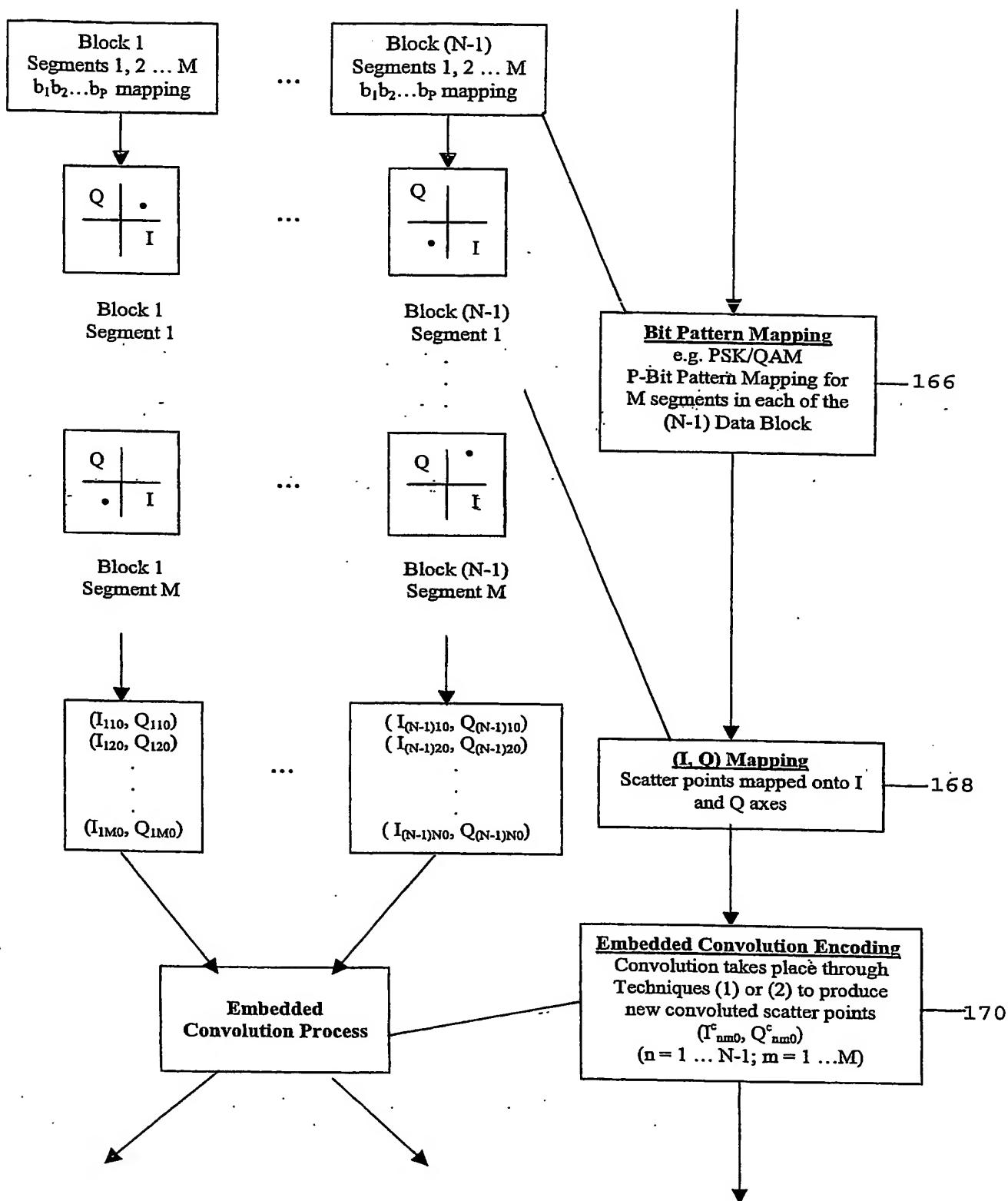


Figure 35 (Contd)

22/24

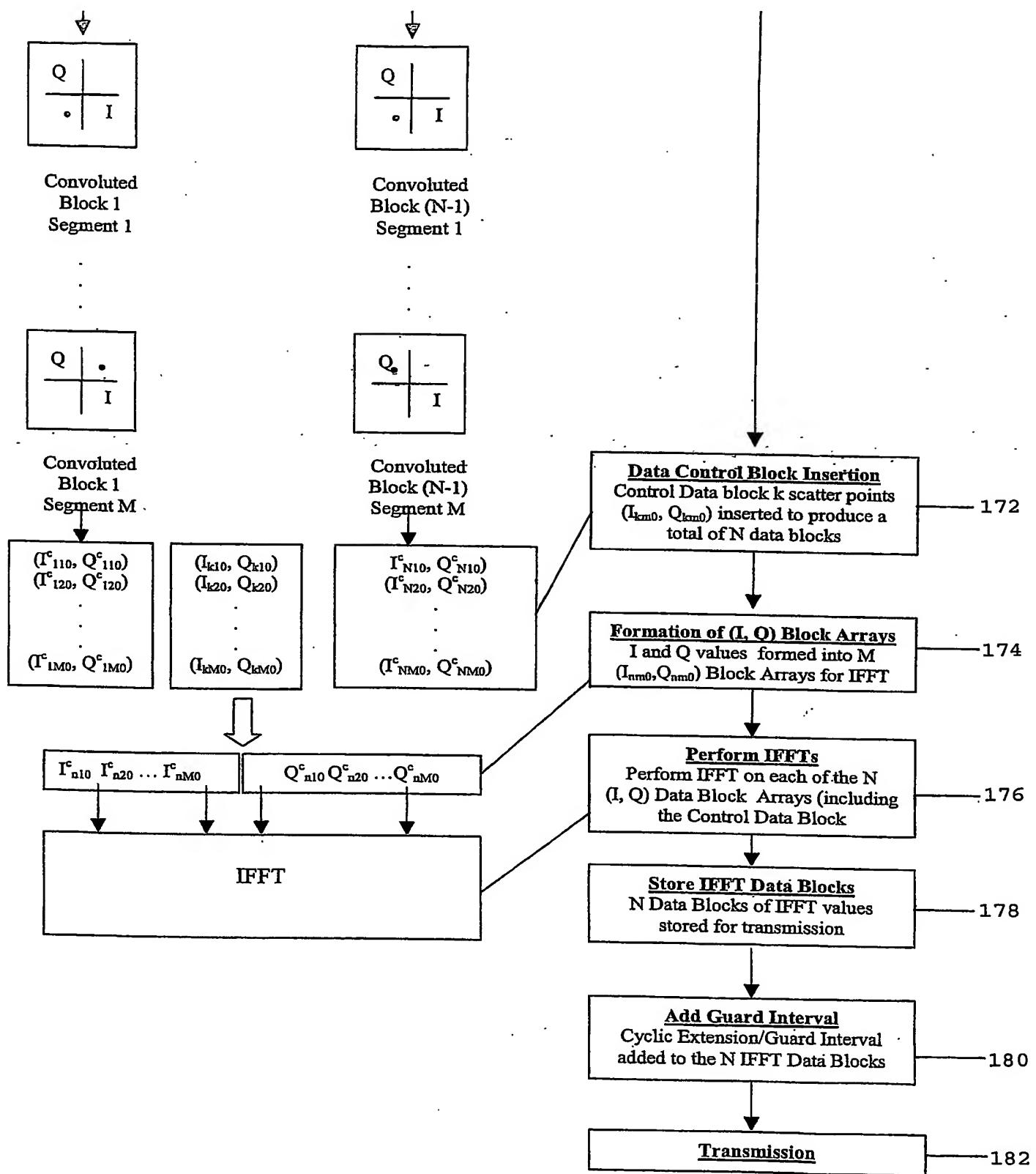


Figure 35 (Contd)

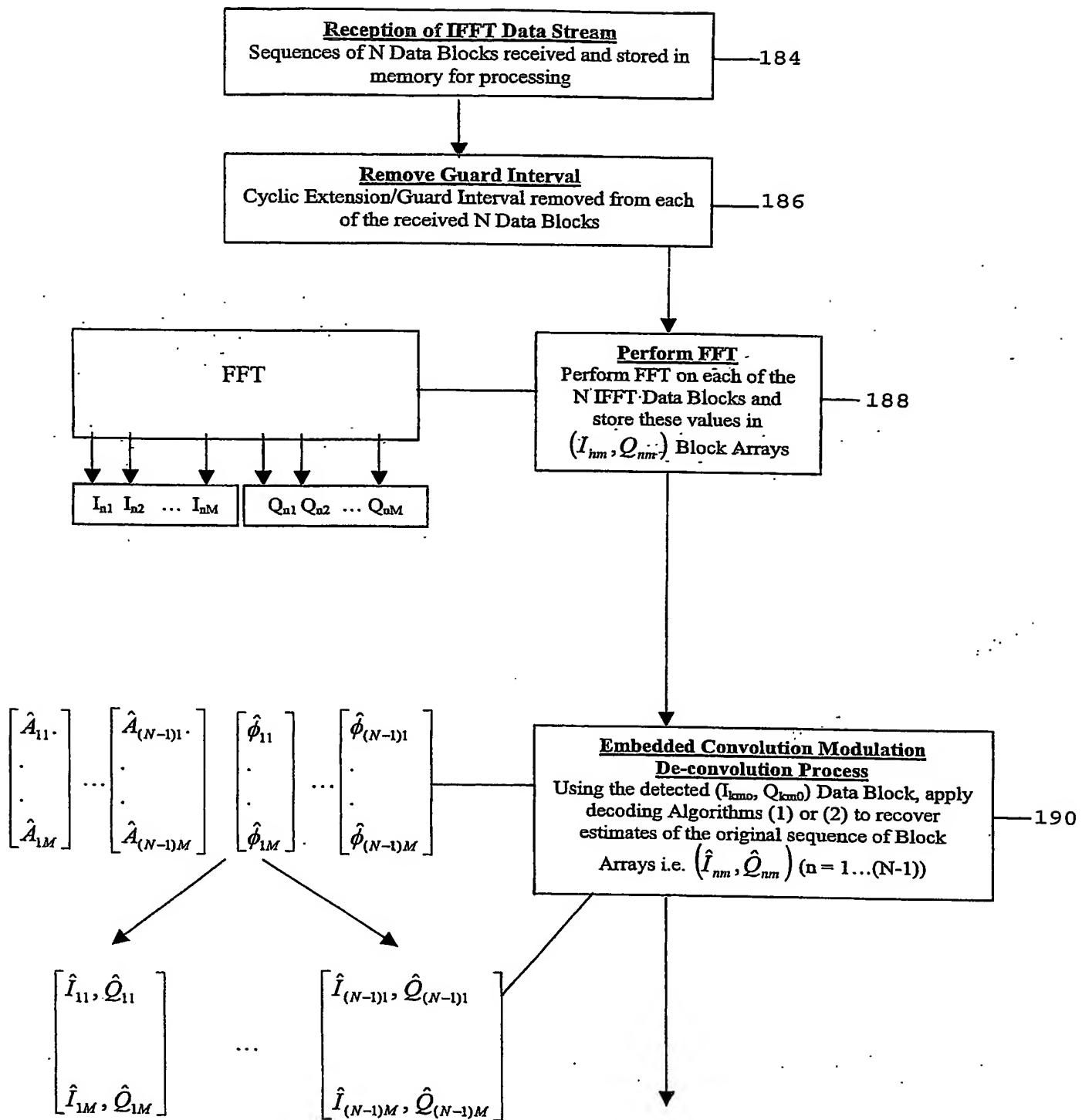


Figure 36

24/24

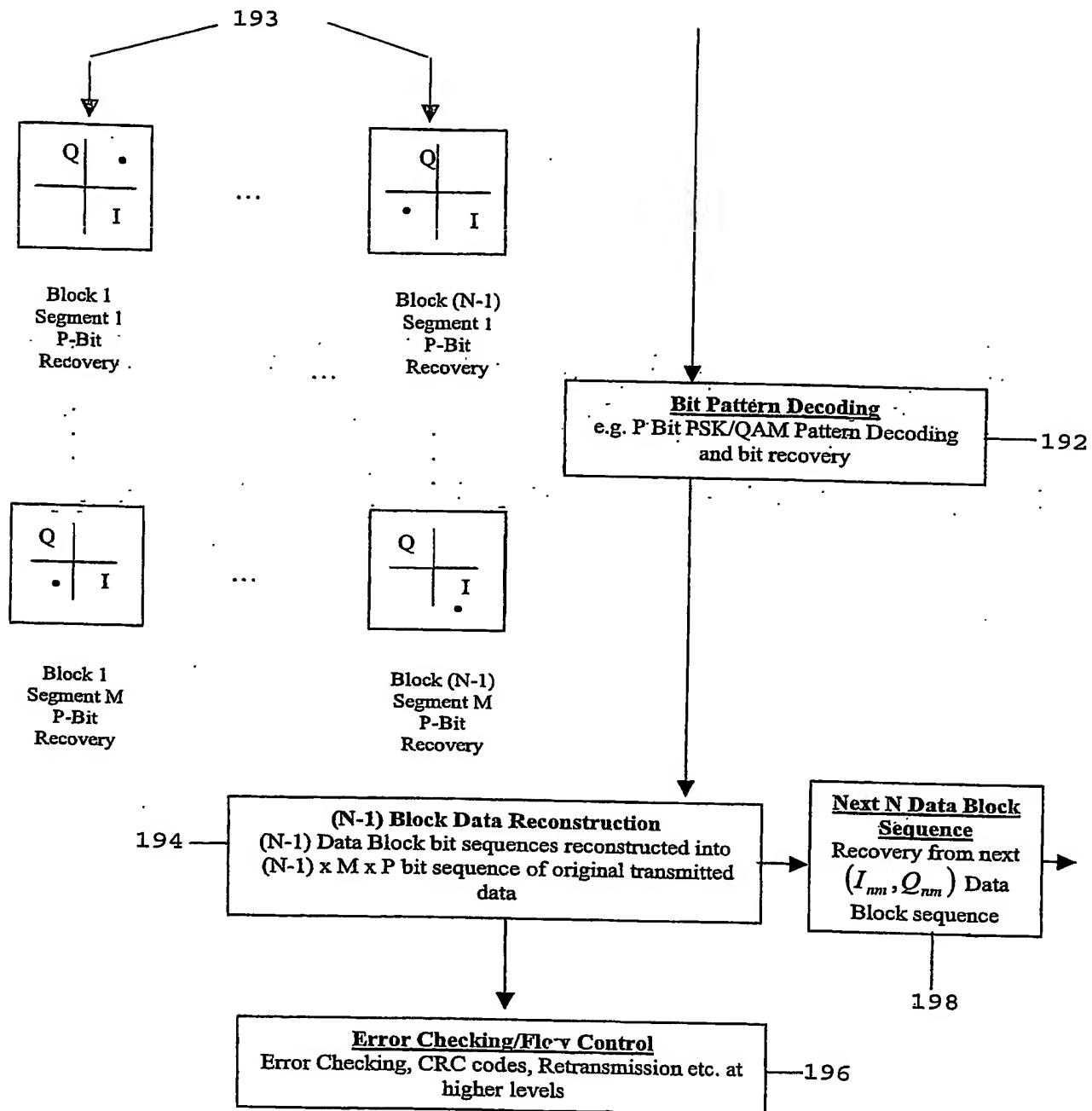


Figure 36 (Contd)